Index of Claims

÷

| Application/Con | tro | No. |
|-----------------|-----|-----|
|-----------------|-----|-----|

10/789,347 Examiner

Charles Goodman

Applicant(s)/Patent under Reexamination

ANDO ET AL.

**Art Unit** 

3724

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Cla                    | nim  | Date            |              |              |  |                |          |          |              |                 |
|------------------------|--|-----------------|--------------|--------------|--|----------------|----------|----------|--------------|-----------------|
| <del></del>            |  |                 |              |              |  |                |          |          |              |                 |
| Final                  | Original   |                 |              |              |  |                |          |          |              |                 |
|                        | 1  | V               |              |              |  |                |          |          |              |                 |
|                        | 2  | > N N N N       |              |              |  |                |          |          |              | П               |
| $\vdash$               | 3  | N               |              |              |  | $\vdash$       | $\vdash$ | -        | _            | $\vdash$        |
|                        | 4  | N               |              | -            | -  | $\vdash$       | ┰        | ┢        | ┢            | $\vdash$        |
| $\vdash$               | 5  |                 | ┢╌           | $\vdash$     | -  | -              | -        | ├-       |              | $\vdash$        |
|                        | 7  | -               | -            | ⊢            | ⊢  | ⊢              | ⊢        | ⊢        | ⊢            | Н               |
|                        | 1<br>2<br>3<br>4<br>5<br>6   | ⊢               | ⊢            | ⊢            | ⊢  | ⊢              | ├        | ⊢        | ⊢            | Н               |
|                        | -  | H               | ┝            | ├            | ├—   | -              | ├        | -        | ├            | $\vdash$        |
| <u> </u>               | 0  | -               | $\vdash$     | <u> </u>     |  | -              | ┝        | ├-       | <u> </u>     | Н               |
|                        | 40   | H               | $\vdash$     | ⊢            | ├—   | <del>  -</del> | _        |          | ├-           | Н               |
|                        | 10   | L               | <u> </u>     | ⊢            | ⊢  | ⊢              | <u> </u> | ┡        | ┝            | Н               |
| <u> </u>               | 17   | <u> </u>        | <u> </u>     | <del> </del> | <del> </del>                                     | ├              | <u> </u> | ⊢        | <del> </del> | Н               |
| <u> </u>               | 12   | <u> </u>        | <del> </del> | <u> </u>     | <u> </u>   | $\vdash$       | _        |          | ├            | Н               |
| $oxed{oxed}$           | 13   | $\vdash$        | $\vdash$     | <u> </u>     | <u> </u>   | ⊢              | <u> </u> |          | -            |                 |
| $\vdash$               | 14   | $\vdash$        | <u> </u>     | <u> </u>     | ⊢  | <u> </u>       | <u> </u> | _        | <del> </del> | Ы               |
|                        | 15   | _               | _            | _            | <u> </u>   | _              | _        |          | _            |                 |
| L                      | 16   |                 | _            | <u> </u>     | <u> </u>   | _              | <u> </u> | <u> </u> | <u> </u>     | Ш               |
| igsquare               | 17   | Ш               |              |              |  |                | _        |          |              | Ш               |
|                        | 18   | _               |              | L            |  |                |          |          |              | Ш               |
|                        | 19   | <u> </u>        |              |              | <u> </u>   |                |          |          |              | Ш               |
|                        | 20   |                 |              |              |  |                |          |          |              | $\square$       |
|                        | 21   |                 |              |              |  |                |          |          |              |                 |
|                        | 22   |                 |              |              |  |                |          |          |              |                 |
|                        | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27 |                 |              |              |  |                |          |          |              |                 |
|                        | 24   |                 |              |              |  |                |          |          |              |                 |
|                        | 25   |                 |              |              |  |                |          |          |              |                 |
|                        | 26   |                 |              |              |  |                |          |          |              |                 |
|                        | 27   |                 |              |              |  |                |          |          |              |                 |
|                        | 28   |                 |              |              |  |                |          |          |              | П               |
|                        | 29   |                 |              |              |  |                |          | _        |              |                 |
|                        | 30   |                 |              |              | _  |                |          |          |              |                 |
|                        | 31   |                 |              |              |  |                |          |          |              |                 |
|                        | 32   | П               |              | $\vdash$     |  |                | $\vdash$ |          | $\vdash$     | $\vdash$        |
|                        | 33   | Н               |              | -            | $\vdash$   |                |          | $\vdash$ | $\vdash$     | Н               |
|                        | 34   | Н               | $\vdash$     | Η.           | $\vdash$   | H              | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$        |
| $\vdash$               | 35   | $\vdash$        | $\vdash$     |              | <del>                                     </del> | $\vdash$       |          | $\vdash$ | $\vdash$     | $\vdash$        |
| $\vdash$               | 36   | H               | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$        |
| $\vdash$               | 37   | Н               | -            | -            |  | $\vdash$       | $\vdash$ | -        | $\vdash$     | $\vdash$        |
|                        | 28<br>29<br>30<br>31<br>32<br>33<br>34<br>35<br>36<br>37<br>38<br>39   | $\vdash$        | $\vdash$     | $\vdash$     |  | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$        |
|                        | 39   | Н               | $\vdash$     | $\vdash$     |  | $\vdash$       |          | $\vdash$ | $\vdash$     | Н               |
| $\vdash \dashv$        | 40   | Н               | -            | $\vdash$     | $\vdash$   | $\vdash$       |          | $\vdash$ | $\vdash$     | $\vdash$        |
| $\vdash \vdash$        | 41   | $\vdash$        |              |              |  | $\vdash$       |          |          |              | $\dashv$        |
| $\vdash \vdash \vdash$ | 42   | Н               |              | -            | $\vdash$   | $\vdash$       | -        | -        |              | $\vdash$        |
| $\vdash$               | 43   | Н               | -            | $\vdash$     | $\vdash$   | $\vdash$       | Η-       | ├─       |              | Н               |
|                        | 44   | $\vdash$        | -            | $\vdash$     | $\vdash$   | <b>-</b>       | $\vdash$ | $\vdash$ | Η-           | $\vdash$        |
|                        | 45   | $\vdash$        | -            | $\vdash$     | -  | -              | -        | -        |              | $\vdash \vdash$ |
|                        |  | $\vdash \dashv$ |              | $\vdash$     |  | $\vdash$       |          |          |              | Н               |
| $\vdash$               | 46   | Н               |              | -            | -  |                | -        | $\vdash$ | -            | $\vdash \vdash$ |
|                        | 47   | $\sqcup$        |              |              | Щ  | Ш              | _        | <u> </u> | -            | Н               |
| $\vdash$               | 48   | ┝╌┤             | _            | <u> </u>     | <u> </u>   |                |          | $\vdash$ |              | Н               |
| <b> </b>               | 49   | $\sqcup$        |              |              | Щ  |                |          |          |              | Ш               |
|                        | 50   |                 |              |              |  |                |          |          |              |                 |

| Cla       | aim                        | Γ        |          |          | - [      | Date     |          |  |          |          |
|-----------|----------------------------|----------|----------|----------|----------|----------|----------|--|----------|----------|
|           |                            | Г        | Г        | Π        |          |          |          |  |          | П        |
| Final     | Original                   |          |          |          |          |          |          |  |          |          |
|           | 51<br>52<br>53<br>54<br>55 |          |          |          |          |          |          |  |          |          |
|           | 52                         | 1        |          |          |          |          | _        | <u>.                                    </u> | <u> </u> | _        |
|           | 53                         | _        |          | ļ        |          | <u> </u> | <u> </u> | <u> </u>                                     | _        |          |
| <u> </u>  | 54                         | -        |          | ⊢        | -        | <u> </u> | ⊢        | ⊢  | _        | -        |
| -         | 56                         | $\vdash$ | -        | ├─       | -        | $\vdash$ | ├        | ┝  | ┢        | ┢        |
| _         | 57                         | $\vdash$ | ⊢        | $\vdash$ | $\vdash$ | ┢        | $\vdash$ | ┢  | _        | 一        |
|           | 58                         |          |          | 1        | -        |          |          | 1  |          |          |
|           | 59                         |          |          |          |          |          |          |  |          |          |
|           | 60                         |          |          |          |          |          |          |  |          |          |
|           | 61                         | _        | _        | <u> </u> | _        | <u> </u> | _        | <u> </u>                                     | <u> </u> | <u> </u> |
| $\vdash$  | 62<br>63                   | ⊢        | ⊢        | <u> </u> | <u> </u> | ⊢        | _        | <u> </u>                                     | <u> </u> | ⊢        |
|           | 64                         | -        |          | ┢╌       | -        | -        | -        |  | -        | ⊢        |
|           | 65                         | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | ┢        | $\vdash$ | ┢  | ┢        | ┢        |
|           | 64<br>65<br>66             | -        | -        |          | -        | $\vdash$ | _        |  | $\vdash$ | $\vdash$ |
|           | 67                         |          |          |          |          |          |          |  |          | П        |
|           | 68                         |          |          |          |          |          |          |  |          |          |
|           | 69                         |          |          |          |          |          |          |  |          |          |
|           | 70<br>71<br>72<br>73       | _        | _        | _        | _        | _        |          | _  | _        |          |
|           | 71                         | <u> </u> | <u> </u> |          | _        | <u> </u> |          | _  | <u> </u> | <u> </u> |
| -         | 72                         | _        | _        | H        | $\vdash$ | ⊢        |          |  | ⊢        | ⊢        |
| -         | 74                         | _        | _        | $\vdash$ | _        | ┝        |          | -  | $\vdash$ | -        |
|           | 74<br>75                   |          | _        | $\vdash$ | -        |          |          |  | $\vdash$ | <u> </u> |
|           | 76                         |          |          |          |          |          |          |  |          |          |
|           | 77                         |          |          |          |          |          |          |  |          |          |
|           | 76<br>77<br>78<br>79       |          | _        |          |          |          |          |  |          |          |
| <u> </u>  | 79                         | <u> </u> | _        | $\vdash$ | _        | <u> </u> | _        | _  | <u> </u> | _        |
| -         | 80<br>81                   | <u> </u> | ⊢        | $\vdash$ |          | H        |          | H  | <u> </u> | <u> </u> |
| -         | 82                         | <u> </u> | $\vdash$ | $\vdash$ | -        | ┝        | _        | ┝  | -        | _        |
|           | 83                         | $\vdash$ | $\vdash$ |          |          | $\vdash$ |          |  |          | -        |
|           | 84                         | -        | _        | Г        | П        | Т        | _        |  |          | _        |
|           | 85                         |          |          |          |          |          |          |  |          |          |
|           | 86                         |          |          |          |          |          |          |  |          |          |
| -         | 87                         | L        | <u> </u> | Щ        | _        | L        |          | _  |          | L        |
|           | 88<br>89                   | _        | <u> </u> |          |          | $\vdash$ |          | _  | _        | $\vdash$ |
| $\vdash$  | 90                         | -        | <u> </u> | H        | _        | H        |          | <u> </u>                                     |          | $\vdash$ |
| -         | 91                         | -        | H        |          | _        | -        | -        | H  | Н        | $\vdash$ |
|           | 92                         | Н        |          |          |          | Т        |          | _  | $\vdash$ |          |
|           | 93                         |          |          |          |          |          |          |  |          |          |
|           | 94                         |          |          |          |          |          |          |  |          |          |
| $\square$ | 95                         |          | Щ        | Щ        |          |          |          |  |          | L        |
|           | 96                         |          |          | Щ        |          |          |          |  |          |          |
| $\vdash$  | 97<br>98                   | _        | Н        | H        |          | $\vdash$ |          | -  | _        | _        |
| $\vdash$  | 98                         | $\vdash$ | Н        | Н        | _        |          |          |  |          |          |
| $\vdash$  | 100                        |          | Н        | $\vdash$ |          | Н        | _        |  | $\vdash$ | _        |
| لــــا    | .50                        |          |          |          |          |          |          |  |          |          |

| Claim  |                   | Date     |                |          |          |                |              |          |              |                 |
|--------|-------------------|----------|----------------|----------|----------|----------------|--------------|----------|--------------|-----------------|
|        |                   |          |                |          |          |                |              | Г        | Г            | П               |
| al     | Original          |          |                |          | l        |                |              |          |              |                 |
| Final  | rig               |          |                |          |          |                |              |          |              |                 |
|        | 0                 | İ        |                |          |          |                |              |          |              |                 |
|        | 101               | Г        | Г              |          |          |                |              |          |              |                 |
|        | 102               |          |                |          |          |                |              |          |              |                 |
|        | 102<br>103        |          |                |          |          |                |              |          |              |                 |
|        | 104               |          |                |          |          |                |              |          |              |                 |
|        | 105               |          |                |          |          |                |              |          |              |                 |
|        | 106               |          |                |          | L        | _              |              |          |              |                 |
|        | 107               |          | L              |          |          |                |              |          | L            | Ш               |
|        | 108               | _        |                | <u> </u> | L        | _              | <u> </u>     | <u> </u> | <u> </u>     | Ш               |
|        | 109               | _        | _              | L        |          |                | _            | L        |              | Щ               |
|        | 110               |          |                | <u> </u> | _        |                | _            | ╙        | _            | Щ               |
|        | 111               | <u> </u> | <u> </u>       | <u> </u> | <u> </u> | <u> </u>       | <u> </u>     | <u> </u> | <u> </u>     | Щ               |
|        | 112               | <u> </u> | $\vdash$       | $\vdash$ | <u> </u> | <u> </u>       | <u> </u>     | ⊢        | $\vdash$     | Н               |
|        | 113               | -        | _              | $\vdash$ | -        | <u> </u>       | <u> </u>     | <u> </u> | -            | $\vdash \vdash$ |
|        | 113<br>114<br>115 | -        | -              | $\vdash$ | <u> </u> | $\vdash$       | <del> </del> | $\vdash$ | $\vdash$     | $\vdash\vdash$  |
|        | 110               | <u> </u> |                | $\vdash$ | $\vdash$ | <del> </del> — | <del> </del> | $\vdash$ | ⊢            | $\vdash \vdash$ |
|        | 116<br>117        |          | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$       | <u> </u>     | $\vdash$ | H            | $\vdash \vdash$ |
|        | 118               | -        | H              | $\vdash$ | -        | $\vdash$       |              | $\vdash$ | H            | $\vdash \vdash$ |
|        | 119               | _        |                | ┝        |          | -              |              |          | -            | $\vdash$        |
|        | 120               |          |                | -        |          | -              | _            | -        | $\vdash$     | Н               |
|        | 121               | _        |                | $\vdash$ | _        | -              | _            | $\vdash$ | $\vdash$     | $\vdash$        |
|        | 122               |          |                |          |          |                |              |          |              | $\vdash$        |
|        | 122<br>123        |          |                |          |          |                |              |          |              | H               |
|        | 124               |          |                |          |          |                |              |          | Г            |                 |
|        | 124<br>125        |          |                |          |          |                |              |          |              |                 |
|        | 126               |          |                |          |          |                |              |          |              |                 |
|        | 127<br>128        |          |                |          |          |                |              |          |              |                 |
|        | 128               |          |                |          |          |                |              |          |              |                 |
|        | 129               |          |                |          |          |                | _            |          | _            |                 |
|        | 130<br>131        |          |                |          |          | $oxed{oxed}$   |              |          | $oxed{oxed}$ |                 |
|        | 131               |          |                | _        |          |                | _            |          |              | Ш               |
|        | 132               |          | Ь.,            |          |          |                | <u> </u>     | <u> </u> | <u> </u>     |                 |
|        | 133               | _        | _              | _        | _        | _              | _            |          | <u> </u>     | $\vdash$        |
|        | 134<br>135        |          | H              | $\vdash$ | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$        |
|        | 136               | -        | $\vdash\vdash$ | -        | _        | $\vdash$       | -            | H        |              | $\vdash\vdash$  |
|        | 137               | -        | Н              |          | -        | $\vdash$       | -            | -        | $\vdash$     | $\dashv$        |
|        | 138               |          | H              | Н        | _        | $\vdash$       | Н            | Н        |              | $\dashv$        |
|        | 139               |          | Н              | Н        |          | Н              | Н            | Н        |              | $\dashv$        |
|        | 140               | _        | $\Box$         |          |          |                | $\vdash$     | Г        | П            | Н               |
|        | 141               |          |                |          |          |                |              |          |              |                 |
|        | 142               |          |                |          |          |                |              |          |              |                 |
| $\Box$ | 143               |          |                |          |          |                |              |          |              |                 |
|        | 144               |          |                |          |          |                |              | Ш        |              | $\Box$          |
|        | 145               | Ш        | Ш              | Ш        |          | Ш              |              |          | Щ            | Ш               |
|        | 146               |          |                |          |          |                | Ш            |          |              |                 |
|        | 147               | Щ        |                |          |          |                |              |          | $\Box$       |                 |
|        | 148               | _        |                | Ш        |          | Щ              |              |          | Щ            | Щ               |
| -      | 149               | _        | Н              | -        | _        | -              | Щ            | Н        | Ш            | -               |
|        | 150               |          |                |          |          | Ш              | لـــا        |          |              |                 |
|        |                   |          |                |          |          |                |              |          |              |                 |